

Title (en)
BEARING ASSEMBLIES COMPRISING SUPERHARD BEARING ELEMENTS, APPARATUSES, AND RELATED METHODS OF MANUFACTURE

Title (de)
LAGERANORDNUNGEN, VORRICHTUNGEN UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)
ENSEMBLES PALIERS, APPAREILS ET PROCÉDÉ DE FABRICATION APPARENTÉ

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Application
EP 12778473 A 20120710

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Abstract (en)
[origin: US2013016935A1] In an embodiment, a bearing assembly includes superhard bearing elements distributed circumferentially about an axis. At least one of the superhard bearing elements may include a first arcuate end portion, a second arcuate end portion, a first substantially planar face, a second substantially planar face, and a bearing surface. The first and second arcuate end portions may be generally opposite each other. The first substantially planar face may extend between the first and second arcuate end portions. The second substantially planar face may be generally opposite the first substantially planar face. The first substantially planar face may have a length greater than a length of the second substantially planar face. The bearing surface may extend between the first arcuate end portion, the second arcuate end portion, the first substantially planar face, and the second substantially planar face. The bearing assembly includes a support ring that carries the superhard bearing elements.

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